



VAL-U-LOK

TE Internal #: 794955-4

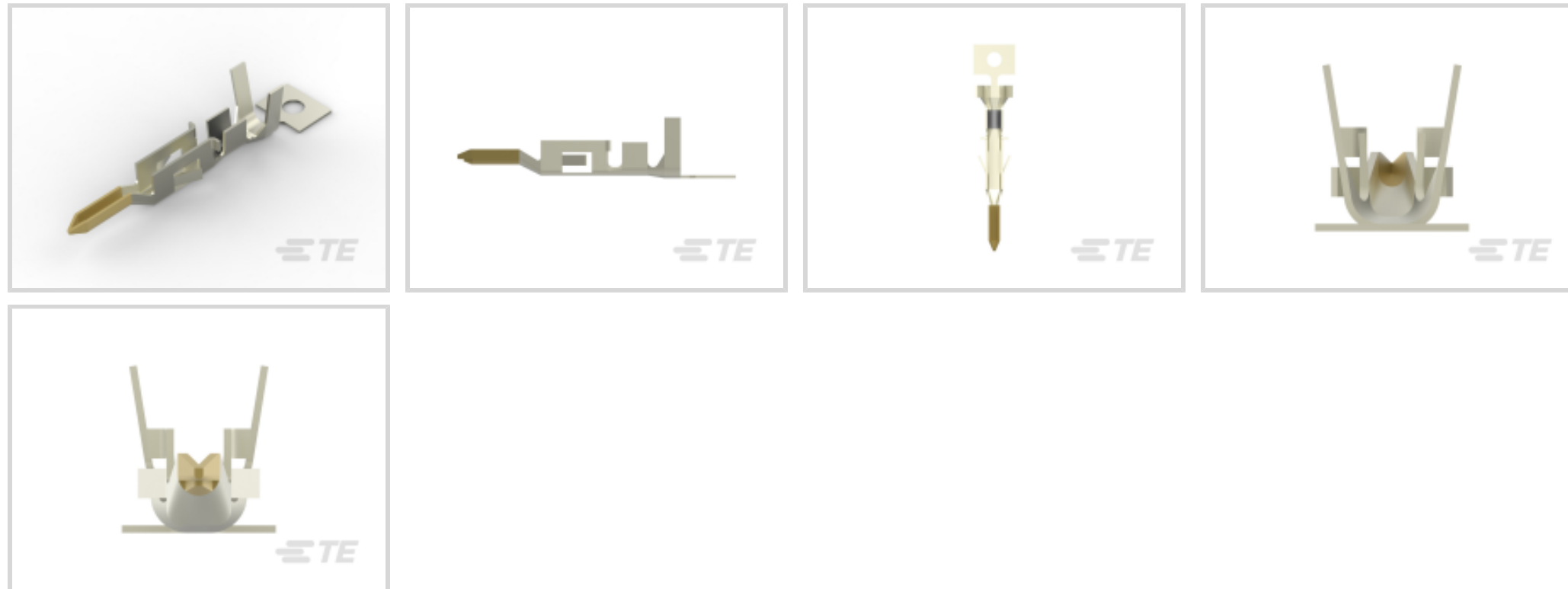
Pin Contact, Gold, 600 VAC, 22 – 18 AWG Wire Size, .3 – .82 mm²

Wire Size, Crimp, Phosphor Bronze, Power, -40 – 221 °F [-40 – 105 °

C]

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **600 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Mating Square Post Dimension	1.14 mm[.045 in]
Contact Fabrication	Stamped & Formed
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With



Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	9 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	1.5 – 3.1 mm [.059 – .122 in]
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Wire Size	.3 – .82 mm ²
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Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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Packaging Features

Packaging Quantity	3500
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Packaging Method	Reel
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2151096-1
OCEAN-2.0-APPLICATOR-S-062F125F



TE Part # 91388-2
PRO-CRIMPER DIE(ONLY)



TE Part # 2151096-2
OCEAN-2.0-APPLICATOR-S-062F125FA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2394165-1
SDE F PIN 22-18 ASSY



TE Part # 2394165-2
SDE F PIN 22-18 DIE SET



TE Part # 5-2151096-1
OCEAN-2.0-APPLICATOR-S-062F125F



TE Part # 5-2151096-2
OCEAN-2.0-APPLICATOR-S-062F125FA



TE Part # 7-2151096-1
OCEAN-2.0-APPLICATOR-S-062F125F



TE Part # 7-2151096-2
OCEAN-2.0-APPLICATOR-S-062F125FA

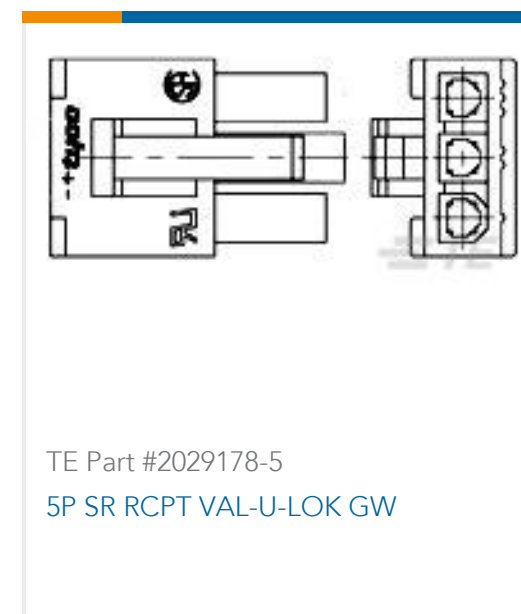
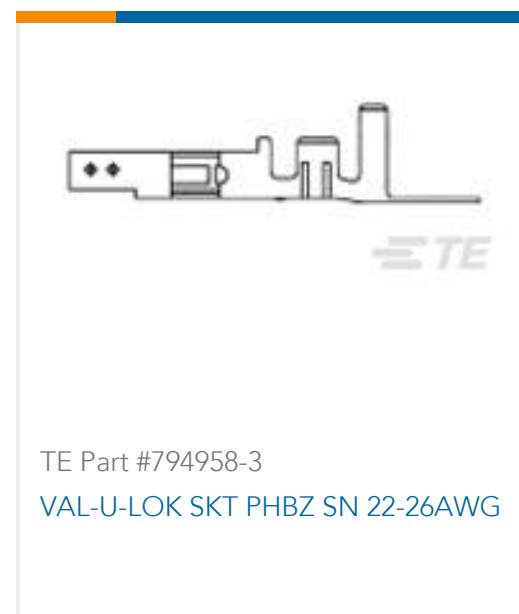
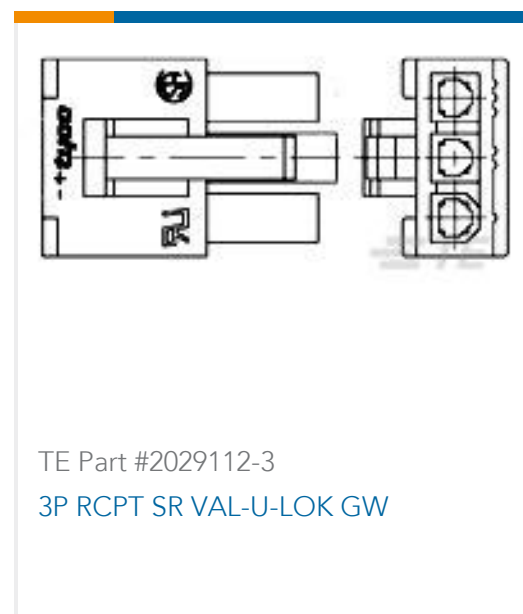
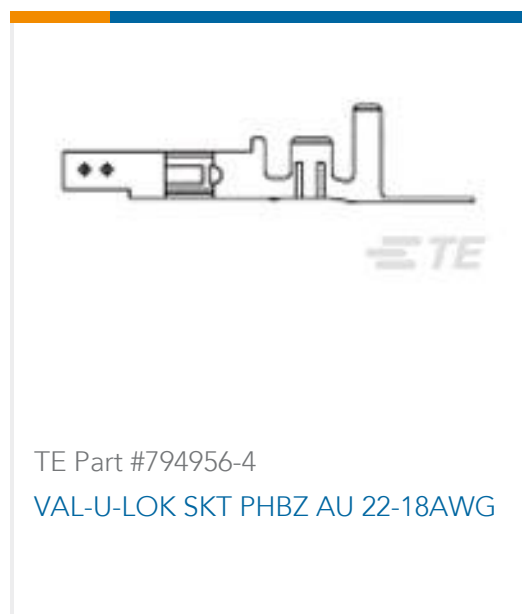


TE Part # 7-2151096-7
OCEAN_2.0_SPARE_PART_KIT-062F125F



TE Part # 7-2836879-7
OC-062F125F-752-CRIMP TOOLINGKIT

Customers Also Bought



Documents

Product Drawings

[VAL-U-LOK PIN PHBZ AU 22-18AWG](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_794955-4_G.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_794955-4_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794955-4_G.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English